

# Resources

## Curricula

*Celebrating Wildflowers- An Educator's Guide to the Appreciation and Conservation of Native Plants of Washington* - Wendy Scherrer & Tracie Johannessen. North Cascades Institute. Sedro Wooley, WA. 1996.

### *FOR SEA Curriculum:*

*Marine Science the World of Water, Grades 9-12*

*The Oceans: Historical Perspectives*

*Ocean Currents and the Open Ocean*

*Tides and the Rocky Shore*

*Ocean Waves and Life in the Surf Zone*

*The Deep Sea*

*Our Home: the Estuaries*

*Ocean Studies, Ocean Issues, Grade 8*

Institute of Marine Science. Indianola, WA 98342. 1997. 3 CDs and/or printed text.

*Living with Mountains* - North Cascades Institute. Sedro Wooley, WA. 1991.

*ORCA (Ocean-Related Curriculum Activities)*. Pacific Science Center. Seattle, WA.

*Project GREEN*. NW Regional Office. Bellingham, WA. 360-676-8255

*Project Learning Tree*. The American Forest Council. 1250 Connecticut Avenue, N.W., Washington, DC 20036. 1994.

*Project Wild - Secondary and Aquatic*. Western Regional Environmental Education Council. 1985.

### *Puget Sound Project:*

*The Changing Sound, Grades 9-12*

*A Salmon in the Sound, Grade 8*

FOR SEA Institute of Marine Science. Indianola, WA 98342.

*Seal Rock Marine Interpretive Trail Curriculum*. Grades 6-8. Libby Palmer. U.S. Forest Service. Quilcene, WA 98376. 1997.

*Seattle Aquarium Curriculum*. Seattle, WA.

## Other Print Materials

*Archaeological Testing at Seal Rock (45-JE-15), Olympic National Forest, Washington.* - Gary C. Wessen. Wessen & Associates. Kirkland, Washington. December 1987.

*Coastal Zones of the Pacific - A Descriptive Atlas.* Pacific Circle Consortium and Oregon Sea Grant. Corvallis, OR. 1996

*Conserving Soil.* National Association of Conservation Districts. P0 Box 855. League City, TX 77574-0855

*Environmental Geology.* - Edward A. Keller. Charles E. Merrill Publishing Company. Columbus, OH. 1979.

*Fertile Fjord: Plankton in Puget Sound.* - Richard M. Strickland. University of Washington Press. 1983.

*Gifts from the Sea. A Guide to Harvesting Seafood from Puget Sound.* Washington State Department of Health. Olympia, WA

*Guide to Marine Coastal Plankton and Invertebrate Larvae.* - Smith, DeBoyd. Kendall-Hunt Publishing Co. Dubuque, IA.

*Hood Canal: Splendor at Risk.* - Christopher Dunagan and Sun Newspaper Staff; edited by Jeff Brody. Bremerton Sun. Bremerton, WA. 1991.

*Introduction to the Oceans: A Laboratory Manual.* - Christina M. Emerick. Kendall/Hunt Publishing Company. 1990.

*Invertebrate Zoology.* - Edward E. Ruppert & Robert D. Barnes. Harcourt Brace College Publications. New York, NY. 1994.

*Marine Biology Coloring Book.* - Thomas M. Niesen. Harper & Row. New York, NY. 1982.

*Myron Fells and the Puget Sound Indians.* - Robert H. Ruby and John A. Brown.

*Natural History of Puget Sound Country, The.* - Arthur R. Kruckeberg. University of Washington Press. Seattle, WA. 1991.

*Olympic Rain Forest, The. An Ecological Web.* - Ruth Kirk, with Jerry Franklin. University of Washington Press. Seattle, WA. 1992.

*Olympic Wildlife Checklist.* Available from U.S. Forest Service office in Quilcene, WA.

*Private Eye: Looking/Thinking by Analogy.* - Kerry Ruef. The Private Eye Project. Seattle, WA. 1994.

*Puget Soundbook.* - James Kolb and Diane Boardman. Marine Science Society of the Pacific Northwest. Poulsbo, WA. 1991.

*Puget Sound Shrimp.* Washington Department of Fish and Wildlife. Olympia, WA. July 1997. Publication No. FM96-2.

*"Recovering the Uncovered"* - Julie McCormick. Bremerton Sun, Bremerton, WA. June 27, 1998.

*Washington Shellfish/Harvest Limits Sheet*. Washington State Parks and Recreation Commission. Olympia, WA.

*Trees Are Terrific!* Ranger Rick NatureScope. National Wildlife Federation. 1400 16th St. NW. Washington, DC 20036-2266. 1989.

*Water Quality Factors Reference Unit - Student Reading Unit About Water Quality* - Cliff Jacobson. Hach Company. P0 Box 389. Loveland, CO 80539. 1991.

*Water, Water Everywhere* - Cliff Jacobson. Hach Company. P0 Box 389. Loveland, CO 80539. 1991.

### Organizations

Adopt-A-Stream; Adopt-A-Wetland. Everett, WA. 360-388-3487. Has excellent resources for the Northwest.

American Forests. Washington, DC 20005. Organizes Global ReLeaf projects and publishes curriculum.

Environmental Education Association of Washington (EEAW). Port Angeles, WA. 360-457-6622. Coordinates resources and people throughout the state, hosts annual conference.

Institute of Marine Science. Indianola, WA 98342. 360-779-5122. Offers teacher workshops, curriculum.

Marine Science Society of the Pacific Northwest. Poulsbo, WA. 360-779-5549 Offers marine programs to school groups and the general public.

National Association of Marine Educators. Seattle, WA. 206-543-6600 Publishes newsletter, holds annual conference.

North Canal Shellfish Coalition. Quilcene, WA. 360-765-3345. Holds meetings, conducts educational campaigns, works on policy issues.

Port Townsend Marine Science Center. Port Townsend, WA. 360-385-5582 Has summer camps, teacher training classes and programs for visitors and school groups.

Washington Native Plant Society. Seattle, WA. 206-323-3336 Produces and distributes slide sets and videos, conducts nature hikes and workshops on native plants.

Whale Museum. Friday Harbor, WA. 206-378-4710. Excellent museum and research center, school programs focused on whales.

### Governmental Agencies

National Oceanic and Atmospheric Administration (NOAA). Contact via World Wide Web; Seattle office does not deal with tides or oceans. Conducts research, publishes reports, has educational programs related to all aspects of the oceans and the world's weather.

Padilla Bay National Estuarine Research Reserve. Mount Vernon, WA 206-428-1558. Interdisciplinary curricula focused on estuaries, water monitoring guide, on-site programs.

U.S. Department of Agriculture. Olympic National Forest. Quilcene Ranger District. Quilcene, WA. 360-765-2200. Distributes elementary and middle school curricula. Will open gates to Seal Rock Campground for school field trips during off-season.

Washington Department of Fish and Wildlife. Olympia, WA. 360-902-2200 Conducts training and distributes materials for Project WILD.

Washington State Department of Ecology. Olympia, WA. 360-407-7256 Has wetlands activities with excellent resource section.

Washington State Department of Health - Shellfish Program. Olympia, WA. 360-236-3307. Provides information about PSP and other health hazards.

Washington State Office of Environmental Education. Seattle, WA. 206-365-3893. Produces curriculum focused on watersheds, habitat and salmonids

### Electronic Resources

- *Computerized Plant Key*, easy to use. Flora ID Northwest, 17 SW Frazer, Suite 28, Pendleton, OR 97801.
  - *Tide prediction and graphing software*. There are many products. Search the Web for your particular computer format.
  - Web Sites
    - www.elnino.noaa.gov..... El Nino Homepage
    - www.lib.noaa.gov/docs/windandsea.html... NOAA Library
    - www.oceanchallenge.com ..... Sail around the world
    - www.athena.wednet.edu/curric/oceans..... Ocean images
    - www.aqd.nps.gov/npci/color..... *Wildflower Illustrations for Coloring*. Over 300 wildflower illustrations available for downloading from National Park Service.
- Also conduct searches on oysters, shrimp, forestry, etc.
- *Voyage of the Mimi*. Award-winning software, video, book, activity series. Sunburst Communications. Pleasantville, NY. 1-800-321-7511
  - *Orcas in our Midst*. CD-ROM, activities with excellent background information. Sunburst Communications. Pleasantville, NY. 1-800-321-7511

### Maps

USGS Quadrangle - purchase at Forest Service office, camping stores

Major Public Lands of Washington - first map free, then \$2 each, Department of Natural Resources, 1-800-527-3305

NOAA Chart of Hood Canal #18458 - purchase at marine/fishing/camping supply stores

Olympic National Forest and Olympic National Park - at U.S. Forest Service or Olympic National Park ranger stations

Puget Sound Coastal Zone Atlas - available for examination, photocopying at Jefferson County courthouse

## Miscellaneous

Tide Books are inexpensive or free at local marine supply stores and groceries.

Single page plasticized ID sheets convenient for beach use:

*Mac's Field Guide to Northwest Coastal Invertebrates*. The Mountaineers. Seattle, WA.  
1984. Available at Port Townsend Marine Science Center.

## Suggestions for Other Field Trips

Any small oyster hatchery on Hood Canal

Coast Oyster. Quilcene, WA.

Jefferson County Historical Society Museum. Port Townsend, WA.

Kitsap County Historical Museum. Silverdale, WA.

Makah Cultural and Research Center. Neah Bay, WA.

Museum and Arts Center. Sequim, WA.

Point Defiance Zoo and Aquarium. Tacoma, WA.

Point Whitney Shellfish Laboratory. Quilcene, WA.

Port Townsend Marine Science Center. Port Townsend, WA.

Poulsbo Marine Science Center. Poulsbo, WA.

Quilcene Historical Museum. Quilcene, WA.

Quilcene National Fish Hatchery. Quilcene, WA.

Seattle Aquarium. Seattle, WA.

Suquamish Museum. Suquamish, WA.

Thomas Burke Memorial Washington State Museum. Seattle, WA.

U.S. Forest Service. Quilcene, WA.